

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E60210

Participation : CTR

Employer : Bonneville Power Administration

Status : Affected

Worksite : Dittmer Control Center

Survey Type : Online

Street : 5411 Ne Highway 99

Response Rate : 66%

Jurisdiction : City of Vancouver

Survey Date : 4/14/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 13.0%

Drive Alone Rate : 87.0%

One-Way VMT per employee : 11.8

Average One-Way distance home to work : 13.4

Employees and Survey Response Information

Reported Total Employees at Worksite: 229

Surveys Distributed : 228

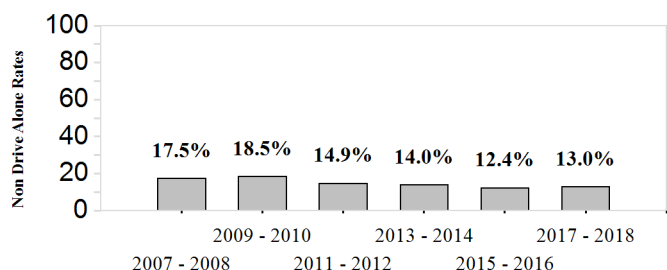
Surveys Returned : 150

Surveys Returned by CTR Affected* Employees : 142

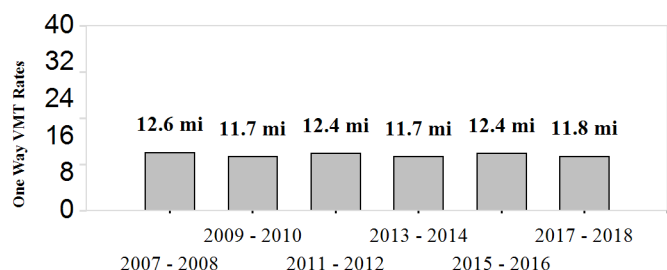
Total Estimated CTR Affected Employees at Worksite : 216

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

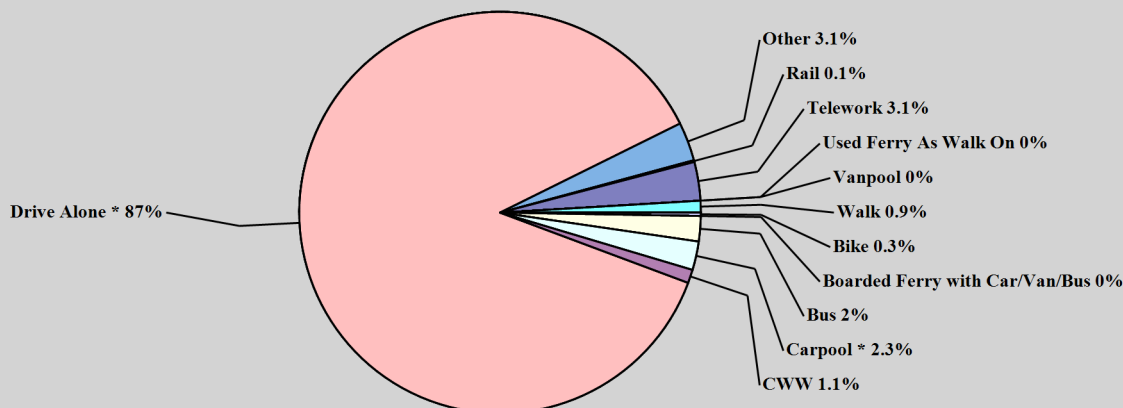
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	17.5%	16.4%	883	2071	79.7	12.6	12.3
2009 - 2010	18.5%	18.9%	860	1645	63.3	11.7	11.4
2011 - 2012	14.9%	14.5%	297	541	20.8	12.4	12.6
2013 - 2014	14.0%	13.6%	420	583	22.4	11.7	12.0
2015 - 2016	12.4%	12.4%	788	2218	85.4	12.4	12.2
2017 - 2018	13.0%	11.7%	387	590	22.7	11.8	12.2
Target	23.5%				Target:	10.3	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-4.5				% Change from Baseline:	-6.3%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



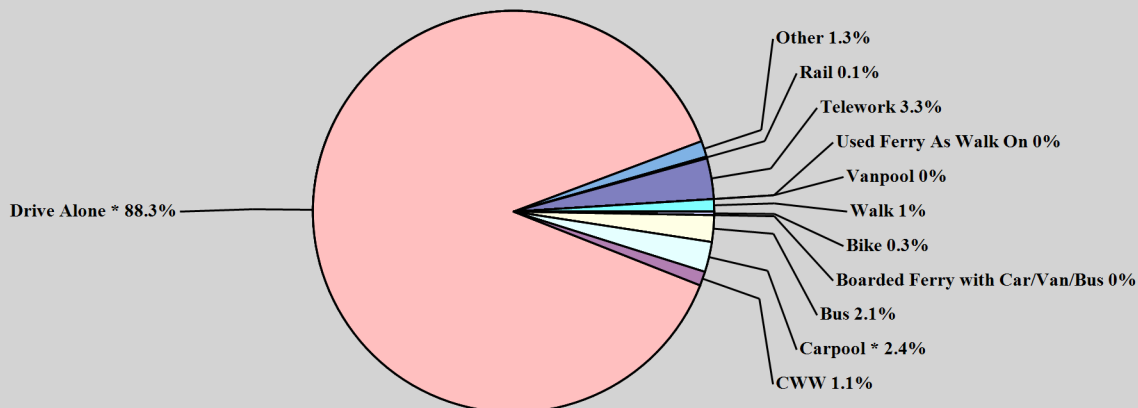
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	642	87.0%	87.6%	142	94.7%	94.6%
Carpool *	17	2.3%	4.2%	5	3.3%	6.4%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	15	2.0%	1.1%	4	2.7%	1.3%
Rail	1	0.1%	0.3%	1	0.7%	0.6%
Bike	2	0.3%	2.4%	2	1.3%	2.9%
Walk	7	0.9%	0.1%	1	0.7%	0.6%
Telework	23	3.1%	3.2%	17	11.3%	10.8%
CWW	8	1.1%	1.1%	4	2.7%	2.9%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.1%	0	0.0%	0.3%
Used Ferry As Walk On	0	0.0%	0.1%	0	0.0%	0.3%
Other	23	3.1%	0.1%	4	2.7%	0.3%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	619	88.3%	87.6%	136	95.8%	94.6%
Carpool *	17	2.4%	4.0%	5	3.5%	6.4%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	15	2.1%	1.1%	4	2.8%	1.4%
Rail	1	0.1%	0.3%	1	0.7%	0.7%
Bike	2	0.3%	2.5%	2	1.4%	3.0%
Walk	7	1.0%	0.1%	1	0.7%	0.7%
Telework	23	3.3%	3.2%	17	12.0%	10.8%
CWW	8	1.1%	0.8%	4	2.8%	2.7%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.1%	0	0.0%	0.3%
Used Ferry As Walk On	0	0.0%	0.1%	0	0.0%	0.3%
Other	9	1.3%	0.1%	2	1.4%	0.3%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	114	76%	150	100%
1 Days	17	11%	36	24%
2 Days	4	3%	19	13%
3 Days	5	3%	15	10%
4 Days	2	1%	10	7%
5 Days	4	3%	8	5%
6 or More Days	4	3%	4	3%

Count by Occupancy of Carpools and Vanpools

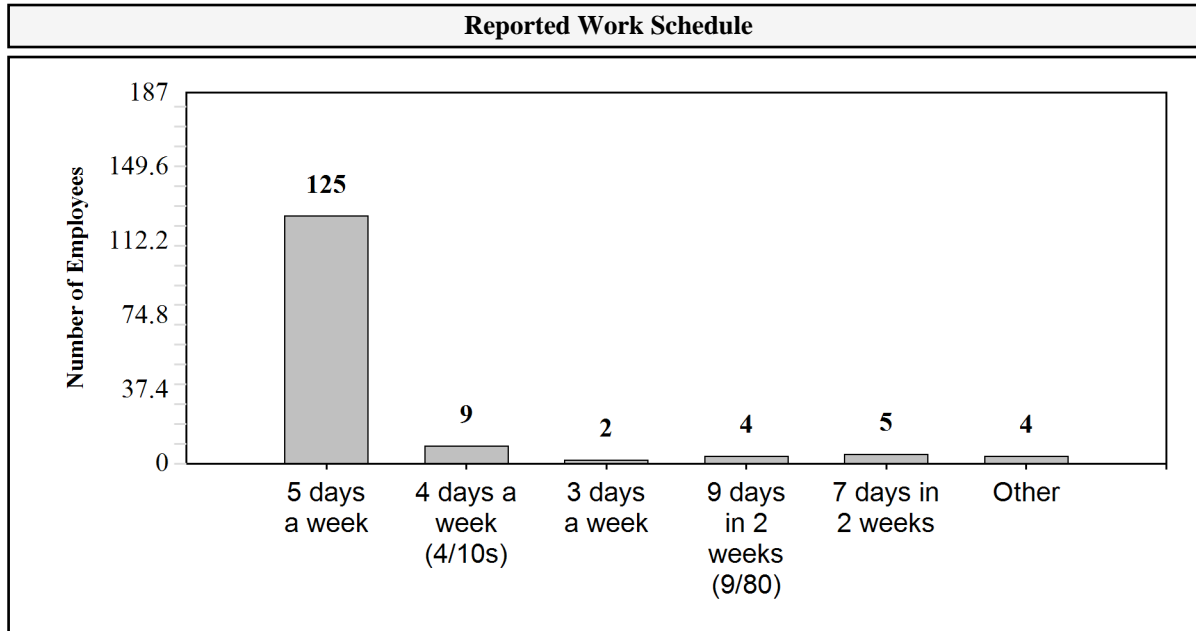
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	17
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

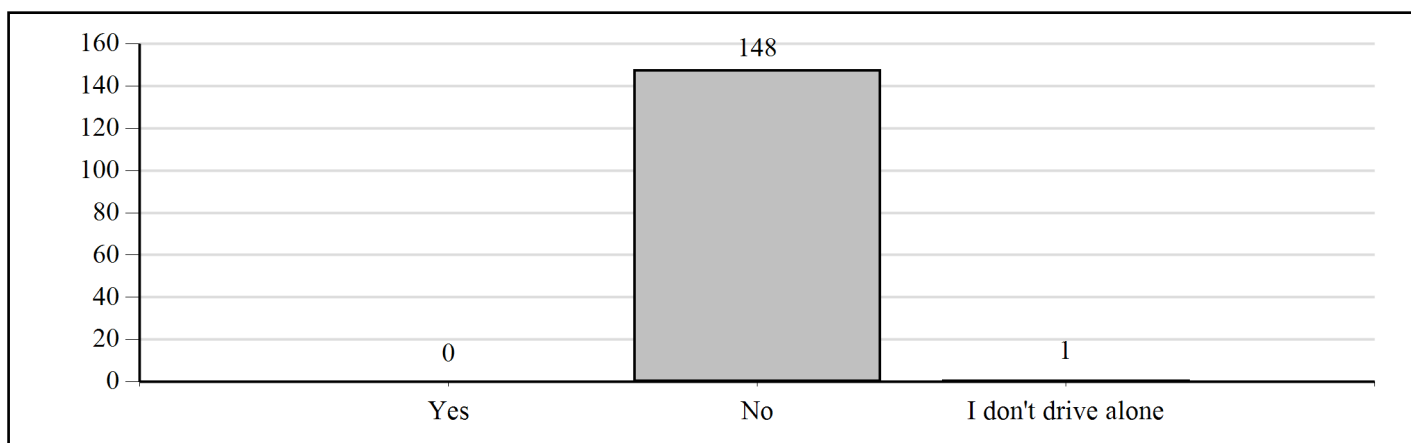
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	125	83.9%
4 days a week (4/10s)	9	6%
3 days a week	2	1.3%
9 days in 2 weeks (9/80)	4	2.7%
7 days in 2 weeks	5	3.4%
Other	4	2.7%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	44	29.3%
Occasionally, on an as-needed basis	77	51.3%
1-2 days/month	15	10.0%
1 day/week	9	6.0%
2 days/week	4	2.7%
3 days/week	1	0.7%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	62	26.4%
Personal health or well-being	28	11.9%
Other	27	11.5%
To save money	26	11.1%
Environmental and community benefits	26	11.1%
Free or subsidized bus, train, vanpool pass or fare benefit	16	6.8%
Financial incentives for carpooling, bicycling or walking.	15	6.4%
To save time using the HOV lane	10	4.3%
Driving myself is not an option	10	4.3%
Cost of parking or lack of parking	7	3.0%
Emergency ride home is provided	6	2.6%
I receive a financial incentive for giving up my parking space	1	0.4%
Preferred/reserved carpool/vanpool parking is provided	1	0.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	97	27.0%
Riding the bus or train is inconvenient or takes too long	91	25.3%
Family care or similar obligations	56	15.6%
Other	35	9.7%
My commute distance is too short	29	8.1%
Bicycling or walking isn't safe	29	8.1%
My job requires me to use my car for work	14	3.9%
I need more information on alternative modes	7	1.9%
There isn't any secure or covered bicycle parking	1	0.3%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98685	13	8.67%	51	5	0	1	5	0	0	0	0	1	0	0	0
98665	11	7.33%	49	1	0	0	0	0	0	0	4	0	0	0	0
98604	9	6.00%	41	4	0	0	0	0	0	0	0	1	0	0	0
98661	9	6.00%	46	0	0	0	0	0	0	0	0	0	0	0	0
98607	8	5.33%	32	3	0	0	4	0	0	0	1	0	0	0	2
98642	8	5.33%	39	0	0	0	0	0	0	0	0	0	0	0	0
98662	7	4.67%	30	0	0	1	0	0	0	0	2	0	0	0	0
98683	7	4.67%	32	0	0	0	0	0	0	0	0	0	0	0	0
98682	6	4.00%	24	0	0	0	0	0	0	0	2	0	0	0	7
98686	6	4.00%	25	0	0	0	0	0	1	0	0	0	0	0	0
98606	5	3.33%	24	0	0	0	0	0	0	0	0	0	0	0	0
98629	5	3.33%	19	0	0	0	1	0	1	0	1	0	0	0	0
97006	4	2.67%	20	0	0	0	0	0	0	0	0	0	0	0	0
98674	4	2.67%	20	0	0	0	0	0	0	0	0	3	0	0	0
98684	4	2.67%	18	0	0	0	0	0	0	0	1	0	0	0	0
	3	2.00%	8	0	0	0	0	0	0	0	1	0	0	0	7
98660	3	2.00%	14	0	0	0	0	0	0	0	0	0	0	0	0
98664	3	2.00%	11	0	0	0	0	0	0	0	0	3	0	0	0
97219	2	1.33%	10	0	0	0	0	0	0	0	0	0	0	0	0
97223	2	1.33%	10	0	0	0	0	0	0	0	0	0	0	0	0
97239	2	1.33%	7	0	0	0	0	0	0	0	2	0	0	0	0
98632	2	1.33%	7	0	0	0	0	0	0	0	1	0	0	0	0
97004	1	0.67%	4	0	0	0	0	0	0	0	1	0	0	0	0
97009	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
97015	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
97022	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
97027	1	0.67%	6	0	0	0	0	0	0	0	0	0	0	0	0
97042	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
97045	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
97055	1	0.67%	2	0	0	0	0	0	0	0	3	0	0	0	0
97080	1	0.67%	0	0	0	0	0	0	0	0	0	0	0	0	7
97123	1	0.67%	4	0	0	0	0	0	0	0	1	0	0	0	0
97201	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
97206	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
97210	1	0.67%	3	0	0	0	0	0	0	0	2	0	0	0	0
97211	1	0.67%	4	0	0	0	0	1	0	0	0	0	0	0	0
97212	1	0.67%	3	0	0	0	0	0	0	0	0	0	0	0	0
97214	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
97216	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
97217	1	0.67%	4	0	0	0	0	0	0	0	1	0	0	0	0
97220	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
97230	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
97232	1	0.67%	0	0	0	0	5	0	0	0	0	0	0	0	0
98611	1	0.67%	1	4	0	0	0	0	0	0	0	0	0	0	0
98663	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
99202	1	0.67%	7	0	0	0	0	0	0	0	0	0	0	0	0
99207	1	0.67%	5	0	0	0	0	0	0	0	0	0	0	0	0
99208	1	0.67%	0	0	0	0	0	0	0	0	0	0	0	0	0
99217	1	0.67%	0	0	0	0	0	0	0	7	0	0	0	0	0